

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E60277

**Participation :** CTR

**Employer :** SEH America Incorporated

**Status :** Affected

**Worksite :** SEH America, Incorporated

**Survey Type :** Online

**Street :** 4111 Ne 112th Ave

**Response Rate :** 75%

**Jurisdiction :** City of Vancouver

**Survey Date :** 4/14/2017

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 13.5%

**Drive Alone Rate :** 86.5%

**One-Way VMT per employee :** 9.8

**Average One-Way distance home to work :** 11.5

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 690

**Surveys Distributed :** 587

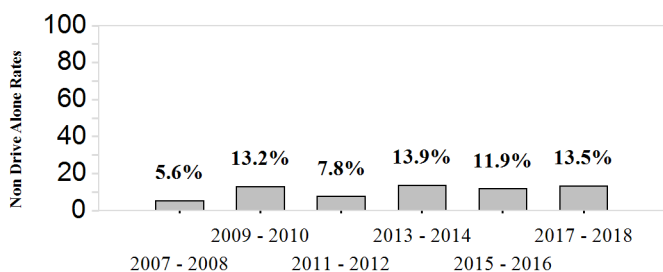
**Surveys Returned :** 441

**Surveys Returned by CTR Affected\* Employees :** 398

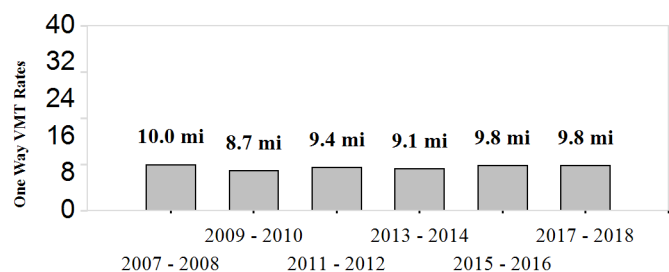
**Total Estimated CTR Affected Employees at Worksite :** 530

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

#### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

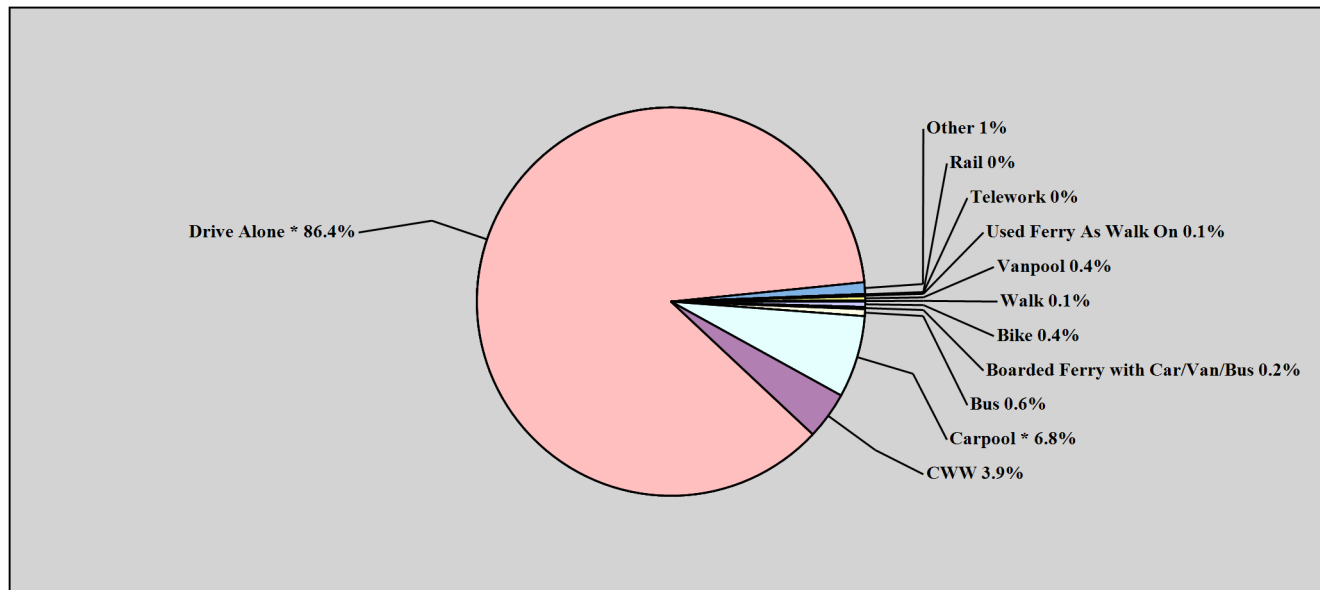
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	5.6%	5.9%	662	1503	19.2	10.0	9.9
2009 - 2010	13.2%	11.6%	679	1288	16.5	8.7	9.0
2011 - 2012	7.8%	7.8%	629	1534	19.6	9.4	9.6
2013 - 2014	13.9%	14.3%	639	1502	19.2	9.1	9.3
2015 - 2016	11.9%	11.7%	699	1670	21.3	9.8	9.8
2017 - 2018	13.5%	13.9%	981	1535	19.6	9.8	9.8
Target	11.6%				Target:	8.2	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	7.9				% Change from Baseline:	-2.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



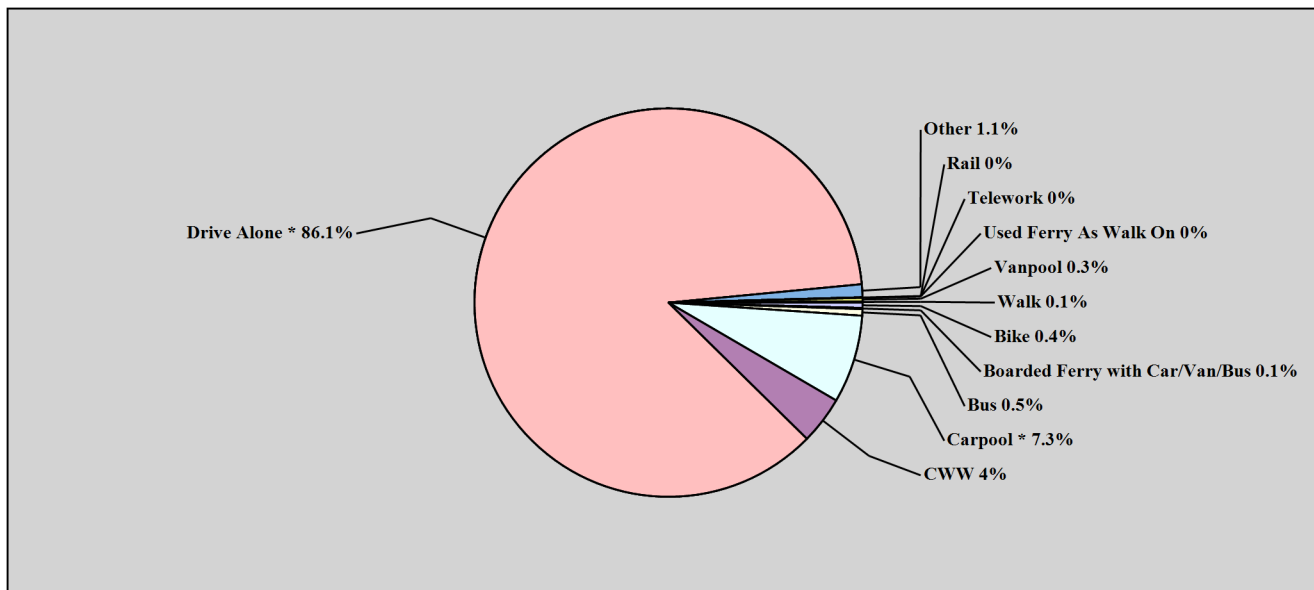
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,948	86.4%	88.1%	408	92.5%	91.4%
Carpool *	154	6.8%	7.2%	38	8.6%	10.1%
Vanpool	8	0.4%	0.0%	4	0.9%	0.0%
Bus	13	0.6%	0.4%	5	1.1%	0.6%
Rail	1	0.0%	0.0%	1	0.2%	0.0%
Bike	10	0.4%	1.2%	6	1.4%	1.8%
Walk	2	0.1%	0.5%	2	0.5%	1.2%
Telework	1	0.0%	0.3%	1	0.2%	1.2%
CWW	89	3.9%	1.5%	32	7.3%	2.1%
Boarded Ferry with Car/Van/Bus	4	0.2%	0.0%	3	0.7%	0.0%
Used Ferry As Walk On	2	0.1%	0.1%	2	0.5%	0.3%
Other	22	1.0%	0.7%	8	1.8%	1.8%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,762	86.1%	88.3%	366	92.0%	91.9%
Carpool *	150	7.3%	7.3%	35	8.8%	9.8%
Vanpool	6	0.3%	0.0%	2	0.5%	0.0%
Bus	11	0.5%	0.4%	3	0.8%	0.7%
Rail	1	0.0%	0.0%	1	0.3%	0.0%
Bike	9	0.4%	1.0%	5	1.3%	1.3%
Walk	2	0.1%	0.5%	2	0.5%	1.0%
Telework	0	0.0%	0.2%	0	0.0%	1.0%
CWW	81	4.0%	1.4%	28	7.0%	2.0%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.1%	0	0.0%	0.3%
Other	22	1.1%	0.8%	8	2.0%	2.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	357	81%	441	100%
<b>1 Days</b>	10	2%	84	19%
<b>2 Days</b>	23	5%	74	17%
<b>3 Days</b>	6	1%	51	12%
<b>4 Days</b>	8	2%	45	10%
<b>5 Days</b>	30	7%	37	8%
<b>6 or More Days</b>	7	2%	7	2%

**Count by Occupancy of Carpools and Vanpools**

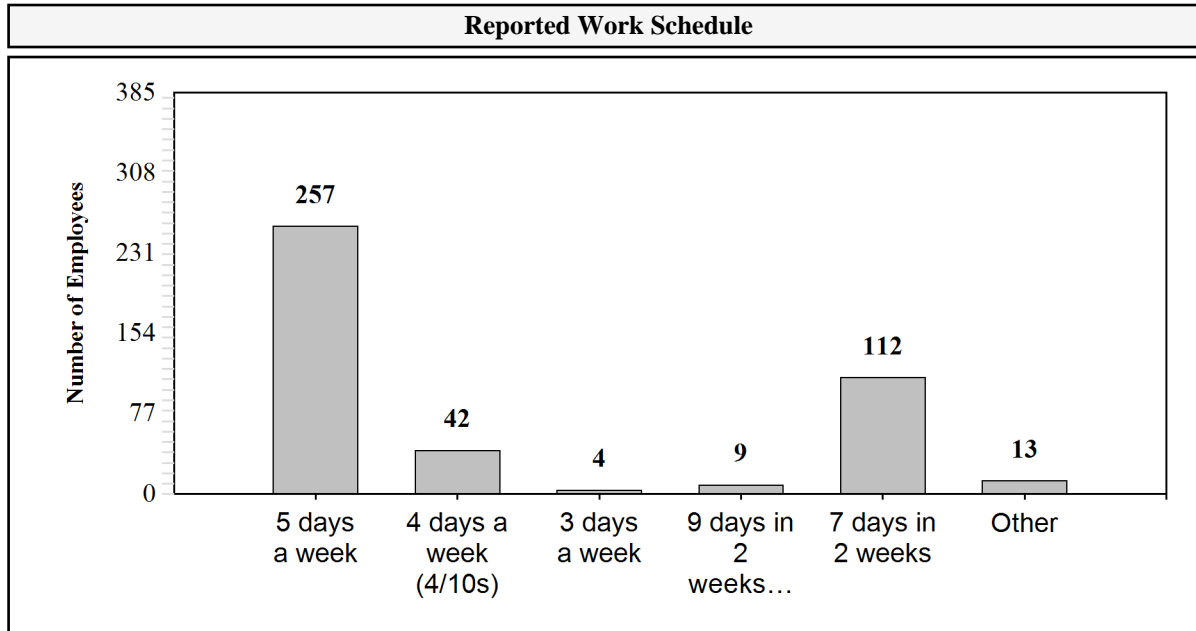
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	140
<b>3</b>	Carpool	12
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	1
<b>&lt;5</b>	Vanpool	4
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	4

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

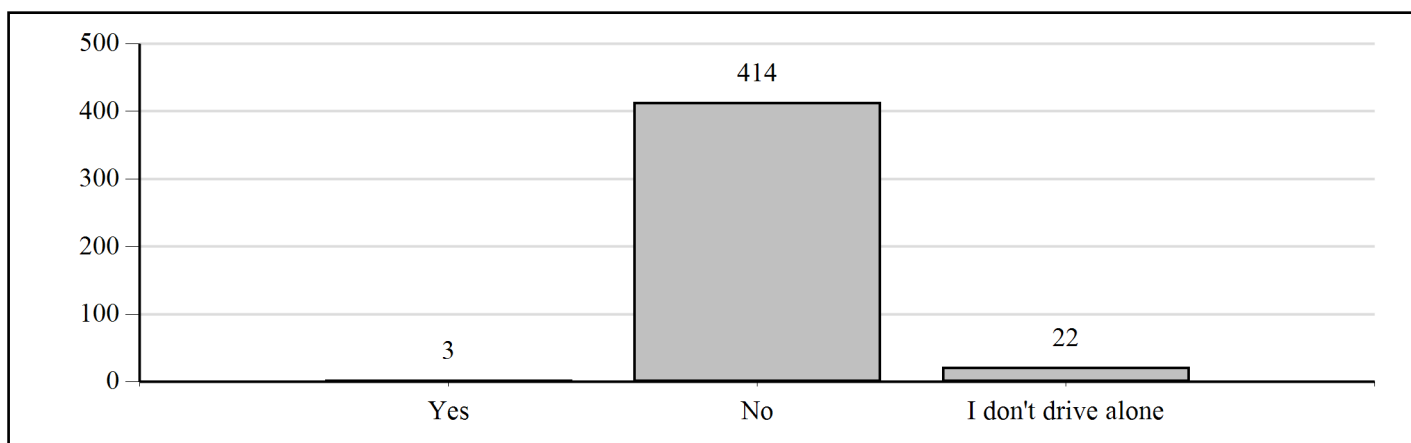
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	257	58.8%
4 days a week (4/10s)	42	9.6%
3 days a week	4	0.9%
9 days in 2 weeks (9/80)	9	2.1%
7 days in 2 weeks	112	25.6%
Other	13	3%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.2%
I don't telework	395	89.6%
Occasionally, on an as-needed basis	38	8.6%
1-2 days/month	2	0.5%
1 day/week	1	0.2%
2 days/week	0	0.0%
3 days/week	4	0.9%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	139	18.5%
Other	118	15.7%
Personal health or well-being	101	13.4%
Environmental and community benefits	94	12.5%
Financial incentives for carpooling, bicycling or walking.	77	10.2%
Driving myself is not an option	60	8.0%
Emergency ride home is provided	42	5.6%
I have the option of teleworking	31	4.1%
Free or subsidized bus, train, vanpool pass or fare benefit	28	3.7%
Preferred/reserved carpool/vanpool parking is provided	20	2.7%
To save time using the HOV lane	19	2.5%
Cost of parking or lack of parking	16	2.1%
I receive a financial incentive for giving up my parking space	8	1.1%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	311	29.3%
Riding the bus or train is inconvenient or takes too long	239	22.5%
My commute distance is too short	125	11.8%
Family care or similar obligations	119	11.2%
Bicycling or walking isn't safe	119	11.2%
Other	93	8.8%
My job requires me to use my car for work	26	2.5%
I need more information on alternative modes	18	1.7%
There isn't any secure or covered bicycle parking	10	0.9%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98682	71	16.10%	306	32	0	6	0	0	7	1	0	19	0	0	8
98662	48	10.88%	203	10	0	7	5	0	0	0	0	12	0	0	5
98683	29	6.58%	135	10	0	0	0	0	0	0	0	7	0	0	0
98684	29	6.58%	135	5	1	0	1	0	0	0	1	0	1	1	0
98604	24	5.44%	93	15	0	0	0	0	0	0	0	7	0	0	0
98661	23	5.22%	104	5	0	1	0	0	0	0	0	6	0	0	1
98607	22	4.99%	100	6	0	0	0	0	0	0	0	3	0	0	1
98664	21	4.76%	73	31	0	0	0	0	0	0	0	0	0	0	0
98685	18	4.08%	85	2	0	0	0	0	1	0	0	0	2	0	0
98665	16	3.63%	67	0	0	5	0	0	0	0	0	7	0	0	0
98671	15	3.40%	54	18	0	0	0	0	0	0	0	7	0	0	0
98686	9	2.04%	44	0	0	0	0	0	0	0	0	0	0	0	0
98642	8	1.81%	39	0	0	0	0	0	0	0	0	0	0	0	0
98663	8	1.81%	41	0	0	0	0	0	0	0	0	0	0	0	0
98660	7	1.59%	27	5	0	0	0	0	0	0	0	0	0	0	0
98629	6	1.36%	34	0	0	0	0	0	0	0	0	4	0	0	0
	5	1.13%	15	0	4	0	0	0	0	0	0	0	0	0	0
98606	5	1.13%	23	0	0	1	0	0	0	0	0	0	0	0	0
98674	5	1.13%	20	0	0	0	0	0	0	0	0	0	0	0	0
97202	4	0.91%	20	0	0	0	0	0	0	0	0	0	0	0	0
97213	4	0.91%	19	0	0	0	0	0	0	0	0	3	0	0	0
97236	4	0.91%	16	3	0	0	0	0	0	0	0	0	0	0	0
98675	4	0.91%	15	4	0	0	0	0	0	0	0	2	0	0	0
97060	3	0.68%	17	0	0	0	0	0	0	0	0	0	0	0	0
98601	3	0.68%	14	0	0	0	0	0	0	0	0	0	0	0	0
98632	3	0.68%	12	0	0	0	0	0	0	0	0	0	0	0	1





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97006	2	0.45%	14	0	0	0	0	0	0	0	0	0	0	0	0
97008	2	0.45%	9	0	0	0	0	0	0	0	0	0	0	0	0
97024	2	0.45%	9	0	0	0	0	0	0	0	0	0	0	0	0
97030	2	0.45%	9	0	0	0	0	0	0	0	0	5	0	0	0
97080	2	0.45%	10	0	0	0	0	0	0	0	0	0	0	0	0
97086	2	0.45%	10	0	0	0	0	0	0	0	0	0	0	0	0
97211	2	0.45%	5	0	0	0	5	0	0	0	0	0	0	0	0
97229	2	0.45%	9	0	0	0	0	0	0	0	0	0	0	0	0
97233	2	0.45%	14	0	0	0	0	0	0	0	0	0	0	0	0
38604	1	0.23%	7	0	0	0	0	0	0	0	0	0	0	0	0
69862	1	0.23%	6	0	0	0	0	0	0	0	0	0	0	0	0
90604	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
96842	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	1
97003	1	0.23%	4	0	0	0	0	0	0	0	0	0	0	0	0
97015	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
97034	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
97064	1	0.23%	7	0	0	0	0	0	0	0	0	0	0	0	0
97116	1	0.23%	0	0	0	0	0	0	0	0	0	0	0	0	5
97124	1	0.23%	0	5	0	0	0	0	0	0	0	0	0	0	0
97140	1	0.23%	6	0	0	0	0	0	0	0	0	0	0	0	0
97201	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
97203	1	0.23%	0	1	2	0	1	1	1	1	0	0	0	0	0
97212	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
97215	1	0.23%	6	0	0	0	0	0	0	0	0	0	0	0	0
97217	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
97220	1	0.23%	7	0	0	0	0	0	0	0	0	0	0	0	0
97221	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
97301	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
97308	1	0.23%	2	0	0	5	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98610	1	0.23%	5	0	0	0	0	0	0	0	0	2	0	0	0
98611	1	0.23%	3	0	0	0	0	0	0	0	0	0	0	0	0
98616	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
98625	1	0.23%	7	0	0	0	0	0	0	0	0	0	0	0	0
98626	1	0.23%	1	0	0	0	0	0	0	0	0	0	0	0	0
98639	1	0.23%	4	1	0	0	0	0	0	0	0	0	0	0	0
98692	1	0.23%	2	0	0	0	0	0	0	0	0	5	0	0	0
98782	1	0.23%	5	0	0	0	0	0	0	0	0	0	0	0	0
99301	1	0.23%	1	0	1	1	1	0	1	0	0	0	1	1	0